ABSTRACT OF THE DISCLOSURE

An integrated database data editing system for editing text, character and binary database data remotely through networks in an efficient and easy-to-use manner. The editing system contains a visual database data manager, which includes a list of database

5   tables, an entity relationship designer, a table designer, a database schema, a data filter and an SQL console. A special graphic user interface is well defined, from which the commercial text and multimedia data editors are called and "popped up" from the local client computer by double-clicking the table data cell, and the table data cell is directly edited by single-clicking the table data cell. Two versions of the database data editing

10   system are implemented. The client/server version is installed and run on the intranet, which supports both the single document interface (SDI) form or the multiple document interface (MDI) forms to display the database tables. The web version is installed on a web server and run through the Internet. The mechanisms for user authentication and access control and the data transmission through Internet are well implemented.

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